

In The Claims

1. (Currently Amended) A ~~[[S]]~~ sliding door system for a vehicle, especially for a motor vehicle, with at least one sliding door ~~[[2]]~~, which can be moved between a closed position and an open position, where at least one energy guide chain ~~[[6]]~~ is provided, which is connected at one end to the sliding door ~~[[2]]~~ and at the other end with a chassis of the vehicle and at least one curved region lying between the ends, characterized by the fact that, depending on the position of sliding door ~~[[2]]~~, the curved region has different radii of curvature ~~[[KR]]~~.

2. (Currently Amended) The ~~[[S]]~~ sliding door system according to ~~[[C]]~~ claim 1, characterized by the fact that the curved region has a radius of curvature ~~[[KRX]]~~ in the closed position, which is different from the radius of curvature ~~[[KRY]]~~ in the open position of the sliding door ~~[[2]]~~.

3. (Canceled)

4. (Canceled)

5. (Canceled)

6. (Canceled)

7. (Canceled)

8. (Canceled)

9. (Canceled)

10. (Canceled)

11. (Canceled)

12. (Canceled)

13. (Canceled)